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PUB-NO: JP404317725A
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TITLE: HOLLOW FIBER MEMBRANE MODULE

PUBN-DATE: November 9, 1992

INVENTOR-INFORMATION:

NAME

COUNTRY

DOI, SHOICHI

ASSIGNEE-INFORMATION:

NAME

COUNTRY

ASAHI CHEM IND CO LTD

APPL-NO: JP03080280

APPL-DATE: April 15, 1991

US-CL-CURRENT: 210/500.23

INT-CL (IPC): B01D 63/02; B01D 65/00

ABSTRACT:

PURPOSE: To reduce the total weight of hollow fiber membrane modules and the time required for its attachment to and detachment from a device by sealing the connection end with pipe of the hollow fiber membrane module with a flat cylindrical blind cap consisting of an elastic body having a flange-like catch on the inner peripheral end face thereof.

CONSTITUTION: The primary side connection end 1 and the secondary side connection end 2 of a hollow fiber membrane module filled with formalin are sealed with a cylindrical blind cap consisting of an elastic body and having a flange-like catch on the inner peripheral end face thereof. A silicone rubber is used in the elastic body of which the blind cap consists, preferably with an elastic modulus of about 10-1000kg/cm². Such a blind cap can be hardened and molded by pouring a liq. silicone rubber into a mold with its flange part so shaped as to be held by a joint.

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